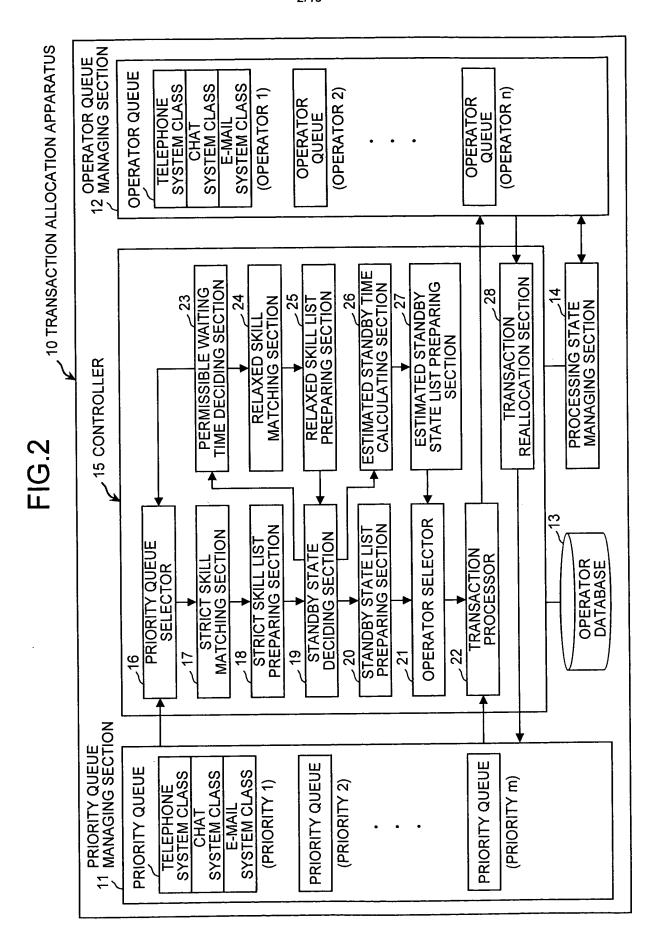
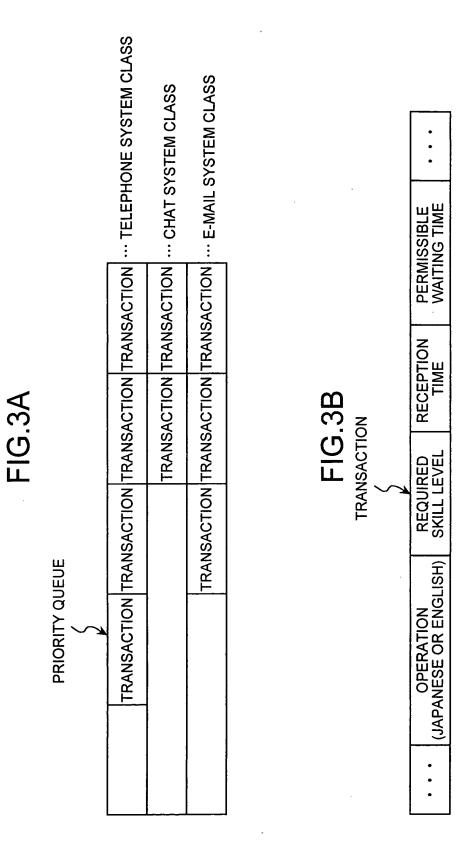


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TITLE: COMPUTER PROGRAM FOR ALLOCATING TRANSACTIONS TO OPERATORS INVENTORS: Hideki YAMANAKA SERIAL NO.: Unassigned

DOCKET NO .: 1341.1156



INVENTORS: Hideki YAMANAKA SERIAL NO.: Unassigned DOCKET NO.: 1341.1156

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FIG.4A

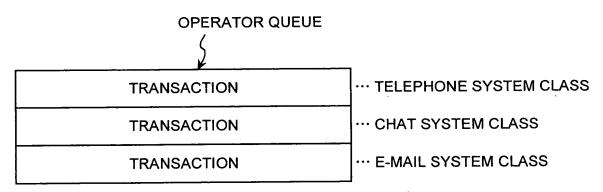


FIG.4B

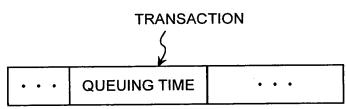


FIG.5

OPERATOR DATABASE

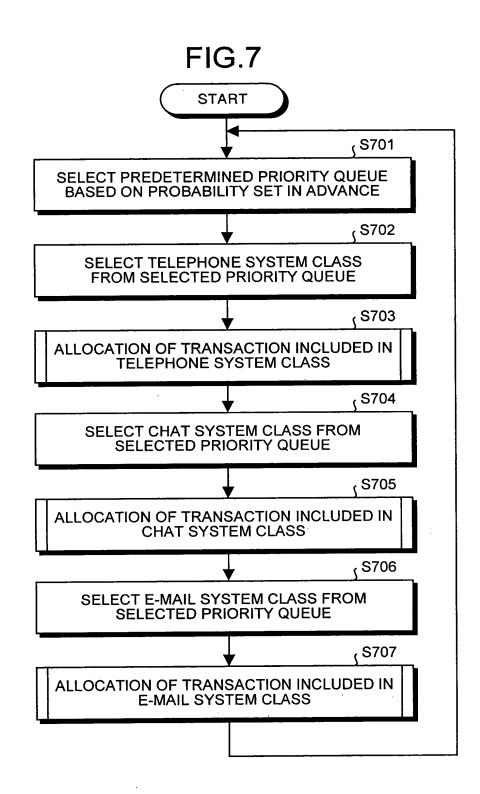
OPERATOR ID	SKILL LEVEL (JAPANESE)		
	TELEPHONE SYSTEM	CHAT SYSTEM	E-MAIL SYSTEM
1	A1	B1	C1
2	A2	B2	C2
•	•	•	•
n	An	Bn	Cn

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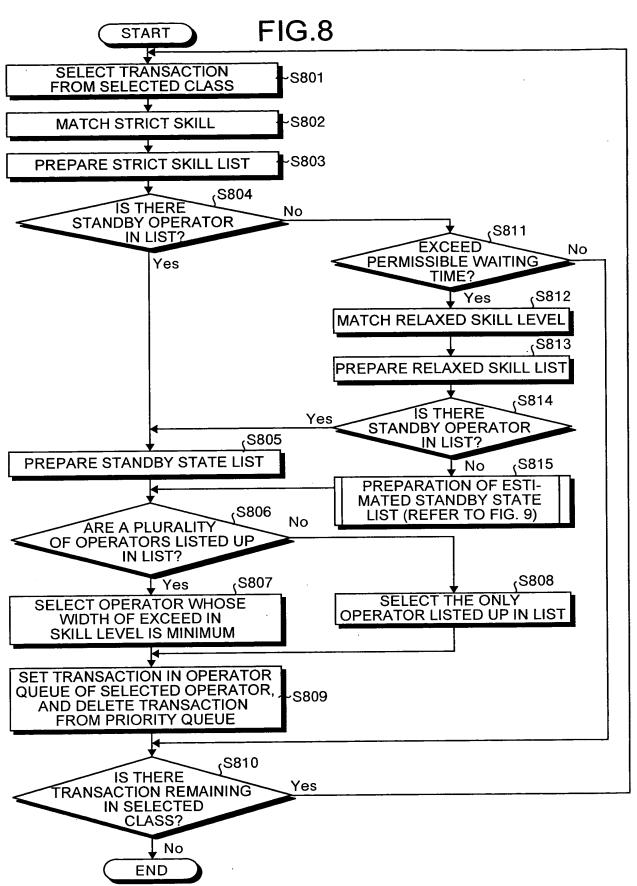
ESTIMATED PROCESSING TIME \Box Ξ STANDBY STATE STARTING TIME/ PROCESSING STARTING TIME T2 Ξ STANDBY/BUSY FREE BUSY BUSY TELEPHONE SYSTEM OPERATOR CHAT SYSTEM E-MAIL SYSTEM

INVENTORS: Hideki YAMANAKA SERIAL NO.: Unassigned DOCKET NO.: 1341.1156



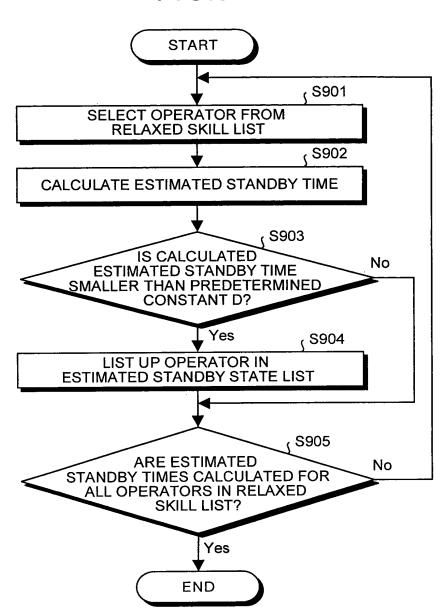
INVENTORS: Hideki YAMANAKA SERIAL NO.: Unassigned DOCKET NO.: 1341.1156





INVENTORS: Hideki YAMANAKA SERIAL NO.: Unassigned DOCKET NO.: 1341.1156

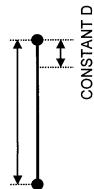
FIG.9



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CERTAIN OPERATOR HAS RECENTLY TAKEN TO PROCESS TRANSACTION OF ESTIMATED PROCESSING TIME THA: CERTAIN CLASS IS DEFINED AS L



THE PROBABILITY THAT THE ESTIMATED STANDBY TIME OF THIS OPERATOR IS NOT MORE THAN CONSTANT D BECOMES D/L WHEN OPERATOR IS CURRENTLY PROCESSING CERTAIN TRANSACTION NUMBER OF TIMES WHEN THIS OPERATOR HAS RECENTLY PROCESSED TRANSACTIONS = NUMBER OF OPPORTUNITIES WHEN TRANSACTIONS ARE ALLOCATED TO THIS OPERATOR (WHICH IS SAME NUMBER FOR ALL OPERATORS IN SAME GROUP) * D/L

TOTAL PROCESSING TIME WHEN THIS OPERATOR HAS RECENTLY PROCESSED TRANSACTIONS

- ESTIMATED PROCESSING TIME WHEN OPERATOR HAS RECENTLY TAKEN TO PROCESS TRANSACTION* NUMBER OF TIMES WHEN THIS OPERATOR HAS RECENTLY PROCESSED TRANSACTIONS
- = L st NUMBER OF OPPORTUNITIES WHEN TRANSACTIONS ARE ALLOCATED TO OPERATOR st |

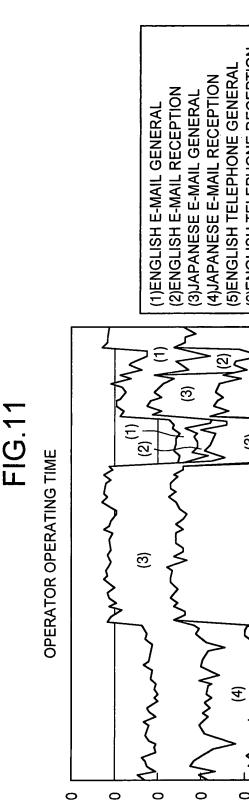
= NUMBER OF OPPORTUNITIES WHEN TRANSACTIONS ARE ALLOCATED TO OPERATOR * D



BY ALLOCATING TRANSACTIONS WHEN ESTIMATED STANDBY TIME IS NOT MORE THAN D, NUMBER OF TIMES WHEN TRANSACTIONS ARE PROCESSED BECOMES PROPORTIONAL TO D/L. THEREFORE, FEEDBACK IS APPLIED SUCH THAT TOTAL PROCESSING TIME TAKEN TO PROCESS TRANSACTIONS BECOMES SUBSTANTIALLY SAME FOR ALL OPERATORS IN SAME GROUP REGARDLESS OF VARIATION IN ESTIMATED PROCESSING TIME 10/13

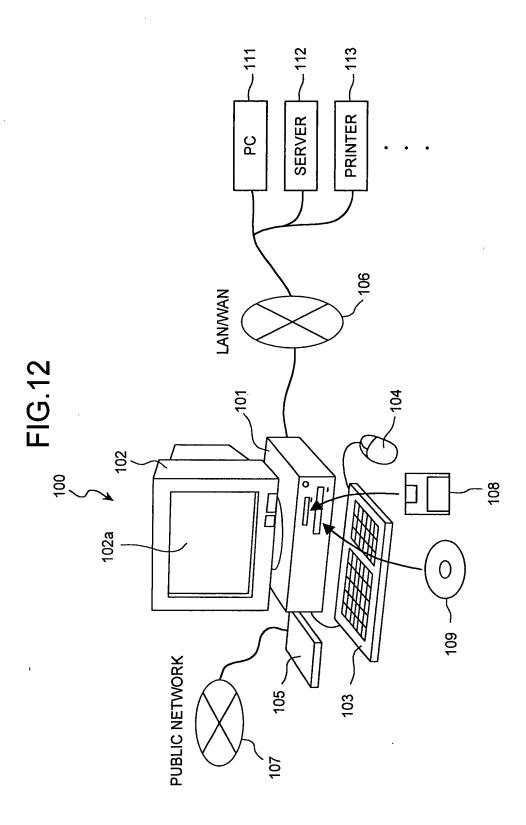
1341.1156

DOCKET NO .:



(8) JAPANESE TELEPHONE RECEPTION (6)ENGLISH TELEPHONE RECEPTION (7)JAPANESE TELEPHONE GENERAI ENGLISH ENGLISH (NEW OPERATOR) JAPANESE & ENGLISH (SKILLED OPERATOR) 9 6 5 8 \mathfrak{S} JAPANESE & ENGLISH (NEW OPERATOR) 7 JAPANESE (SKILLED OPERATOR) **OPERATOR ID** 6 5 5 4 (NEW OPERATOR) 31 2 8 28800 21600 18000 10800 25200 14400 0 7200 3600

OPERATING TIME (SECOND)



INVENTORS: Hideki YAMANAKA SERIAL NO.: Unassigned DOCKET NO.: 1341.1156

FIG.13

